

**From:** [Chism, William](#)  
**To:** [Becker, Jonathan](#); [Berwald, Derek](#); [Kaul, Monisha](#); [Kells, Bradley](#); [Kiely, Timothy](#); [Orlowski, John](#); [Tindall, Kelly](#); [Wyatt, TJ](#)  
**Subject:** FW: Sprayer Cleanout - How long does that take?  
**Date:** Tuesday, September 1, 2020 2:41:13 PM

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Hi Folks

In order to treat the buffer the sprayer tank should be clean to remove dicamba residue. Greg Kruger, Univ. Neb., was an author on a publication on the topic and said it might range from 1 hour to 4 hours to clean out the sprayer tank, plumbing, and boom. Based on his publication I think it would take 4 hours to triple rinse the tank.

Bill

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**From:** Greg Kruger <[greg.kruger@unl.edu](mailto:greg.kruger@unl.edu)>  
**Sent:** Tuesday, September 01, 2020 2:22 PM  
**To:** Chism, William <[Chism.Bill@epa.gov](mailto:Chism.Bill@epa.gov)>; Tindall, Kelly <[tindall.kelly@epa.gov](mailto:tindall.kelly@epa.gov)>; Becker, Jonathan <[Becker.Jonathan@epa.gov](mailto:Becker.Jonathan@epa.gov)>  
**Subject:** RE: Sprayer Cleanout - How long does that take?

Bill,

I will give you the theoretical answer: We would encourage them to make the non-dicamba application on the downwind side first. If they were to need to clean the sprayer, it would need to be done before spraying the buffer area. Typically for a commercial self-propelled sprayer, I would estimate four-man hours to thoroughly clean the sprayer.

Now with that said, I don't believe that is completely common practice. The clean is probably done in less than an hour in many cases and I am somewhat doubtful if it is done before spraying the buffer area in most cases.

Hope that is somewhat helpful,

Greg

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**From:** Chism, William <[Chism.Bill@epa.gov](mailto:Chism.Bill@epa.gov)>  
**Sent:** Monday, August 31, 2020 7:55 AM  
**To:** Greg Kruger <[greg.kruger@unl.edu](mailto:greg.kruger@unl.edu)>; Tindall, Kelly <[tindall.kelly@epa.gov](mailto:tindall.kelly@epa.gov)>; Becker, Jonathan <[Becker.Jonathan@epa.gov](mailto:Becker.Jonathan@epa.gov)>  
**Subject:** Sprayer Cleanout - How long does that take?

Hi Greg

We are working on the registration of dicamba over-the-top of cotton and soybean.

We are looking at buffer impacts and one, of several, questions came up. If a user needs to spray a non-dicamba mixture on the downwind infield buffer they have to clean the sprayer first. The article in Agronomy is very helpful but I was wondering if you had any information on how long it takes to triple rinse a typical sprayer?

Thanks. Bill Chism

P.S. Hope you and your family are safe.

<https://www.mdpi.com/728934>

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